

Please type a plus sign (+) inside this box → ☐**TRANSMITTAL  
FORM**

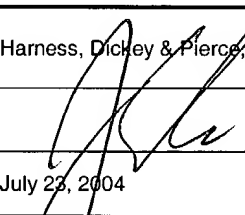
(to be used for all correspondence after initial filing)

<b>Application Number</b>	09/651,849
<b>Filing Date</b>	August 31, 2000
<b>First Named Inventor</b>	Sarath KUMAR et al.
<b>Group Art Unit</b>	2683
<b>Examiner Name</b>	Stephen M. D'Agosta
<b>Attorney Docket Number</b>	29250-001051/US

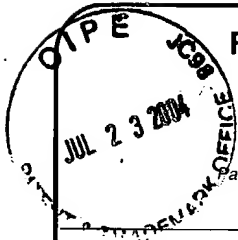
**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Letter to the Official Draftsperson and ( ) Sheets of Formal Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims) <input checked="" type="checkbox"/> Appeal Communication to Group (Appeal Notice) <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="text-align: right;"> <b>RECEIVED</b>  <b>JUL 28 2004</b>  <b>Technology Center 2000</b> </div>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name John E. Curtin	Reg. No. 37,602
Signature			
Date	July 23, 2004		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



**FEE TRANSMITTAL**  
**for FY 2003**

*Patent fees are subject to annual revision.*

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b>	<b>860.00</b>
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**Complete if Known**

Application Number	09/651,849
Filing Date	August 31, 2000
Inventor(s)	Sarath KUMAR et al.
Examiner Name	Stephen M. D'Agosta
Group Art Unit	2683
Attorney Docket No.	29250-001051/US

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**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

08-0750

Deposit  
Account  
Name

Harnøss, Dickey & Pierce, P.L.C.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check      ☐ Credit card      ☐ Money Order      ☐ Other

### FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1001	770	2001	385	Utility filing fee
1002	340	2002	170	Design filing fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional filing fee

**SUBTOTAL (1)**

(\$)  
0

## 2. EXTRA CLAIM FEES

			Extra Claims		Fee from below		Fee Paid	
Total Claims	<input type="text"/>	-20 **	=	<input type="text"/>	X	<input type="text"/>	=	<input type="text"/>
Independent Claims	<input type="text"/>	-3 **	=	<input type="text"/>	X	<input type="text"/>	=	<input type="text"/>
Multiple Dependent					X	<input type="text"/>	=	<input type="text"/>

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$)  

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet.
1053	1053	1053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for reexamination
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	420	2252	210 Extension for reply within second month
1253	950	2253	475 Extension for reply within third month
1254	1,480	2254	740 Extension for reply within fourth month
1255	2,010	2255	1,005 Extension for reply within fifth month
1401	330	2401	165 Notice of Appeal
1402	330	2402	165 Filing a brief in support of an appeal
1403	290	2403	145 Request for oral hearing
1451	1,510	1451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive – unavoidable
1453	1,330	2453	665 Petition to revive – unintentional
1501	1,330	2501	665 Utility issue fee (or reissue)
1502	480	2502	240 Design issue fee
1503	640	2503	320 Plant issue fee
1460	130	1460	130 Petitions to the Commissioner
1807	50	1807	50 Processing fee under 37 CFR 1.17 (q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	770	2809	385 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	770	2810	385 For each additional invention to be examined (37 CFR § 1.129(b))
1801	770	2801	385 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3)**

(\$)  
860.00

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Name (Print/Type)	John E. Curtin
-------------------	----------------

Registration No. Attorney/Agent)

37,602

Telephone

Complete (if applicable)

703-668-8000

*Signature*

Date \_\_\_\_\_

July 23, 2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



AF #

Corres. and Mail  
**BOX AF**

**MAIL STOP AF  
RESPONSE UNDER  
37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2683**

PATENT  
29250-001051/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Sarath KUMAR et al. Conf.: 4424

Appl. No.: 09/651,849 Group: 2683

Filed: August 31, 2000 Examiner: Stephen M. D'Agosta

For: ENHANCED METRIC FOR BIT DETECTION ON FADING  
CHANNELS WITH UNKNOWN STATISTICS

Docket No.: 29250-001051/US

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JUL 28 2004

Technology Center 2600

**NOTICE OF APPEAL FROM THE  
PRIMARY EXAMINER TO THE BOARD OF APPEALS**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 23, 2004

Sir:

Applicants hereby appeal to the Board of Appeals from the decision dated January 23, 2004 of the Primary Examiner finally rejecting claims 1-29.

☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

Applicants hereby petition for an extension of **three (3) month(s)** pursuant to 37 C.F.R. §§ 1.17 and 1.136(a).

The fee has been calculated as shown below:

☐ NO extensions of time have been previously obtained for responding to the Final Rejection. Thus a fee of \$.00 is required for the full period of the above-requested extension of time.

- ☒ An extension of **two (2) month(s)** for responding to the Final Rejection was previously requested and paid for on **June 23, 2004**. Thus a fee of **\$530.00** is required.
- ☐ Applicant claims small entity status. See 37 C.F.R. § 1.27.

The Government fee for filing a Notice of Appeal to the Board of Appeals is calculated as follows:

- ☒ Large entity - \$330.00
- ☐ Small Entity - \$165.00

Therefore, the TOTAL FEE due for the filing of this Notice of Appeal is \$860.00.

Payment of the above TOTAL FEE is being made in the following manner:

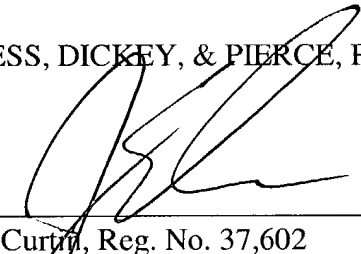
- ☒ Check in the amount of \$860.00 is enclosed.
- ☐ Please charge Deposit Account No. 08-0750 in the amount of \$0.00. A triplicate copy of this sheet is attached.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKY, & PIERCE, P.L.C.

By

  
\_\_\_\_\_  
John E. Curtin, Reg. No. 37,602

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JEC:psy